

4875 IV SE
(FOSTER CREEK
SCHOOL)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BOX ELDER CREEK QUADRANGLE
MONTANA—POWDER RIVER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-081
PLATE 7 OF 16

OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.

EXPLANATION

30
28

ISO-PACH OF THE COAL BED—Showing thickness, in
feet. Each interval 2 feet

3400
3420

STRUCTURE CONTOURS—Drawn on the top of the coal
bed. Dashed where projected beyond boundary of coal.
Contour interval 20 feet (6.1 m). Datum is mean sea
level.

12.0+
3402

BOUNDARY OF COAL DEPOSIT—Drawn along the
outcrop of coal bed and/or the contact between burned
and unburned coal (dashed where inferred by present
author beyond the limits of original data). Arrows point
toward coal-bearing area. Numbers at triangle are coal
bed thickness and altitude at the top of the coal bed,
measured in feet. Plus (+) sign after number indicates
incomplete measurement.

U
D

FAULT—Dashed where approximately located. U, up-
thrown side; D, downthrown side.

32
3422

DRILL HOLE—Showing thickness and altitude at the top of
the coal bed, in feet.

10.7+
3490

COAL MINE—Showing thickness and altitude at the top of
the coal bed, in feet.

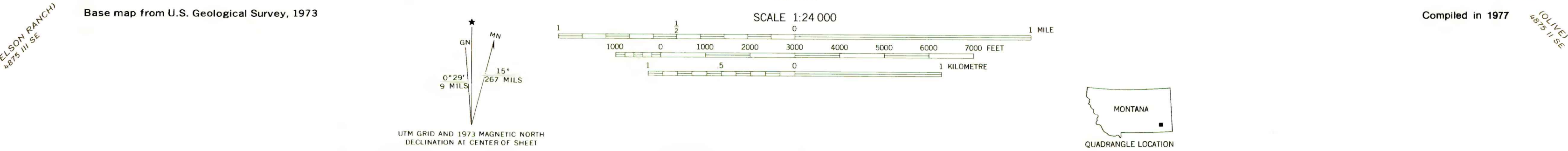
To convert feet to meters, multiply feet by 0.3048.

4875 III NE
(ELK RIDGE)

4875 IV SE
(COALWOOD
SCHOOL)

4875 I SE
(SAMUELSON RANCH)

4875 I SE
(OLIVER
SCHOOL)



COAL RESOURCE OCCURRENCE MAP OF THE BOX ELDER CREEK
QUADRANGLE, POWDER RIVER COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979

PLATE 7
ISOPACH AND STRUCTURE CONTOUR MAP OF
THE SAWYER COAL BED